

# 480M | Armor Plate with Moly-D Ultragard® Oil Supplement

**DESCRIPTION:**

Armor Plate with Moly-D Ultragard® is a highly viscous oil supplement which contains a shear-stable viscosity index improver to beef up any oil's film strength and the ability to keep engines cleaner. But, in addition, it contains a concentrate of Moly-D® which will give Armor Plate protection to any oil, including motor oils, gear oils, hydraulic oils, compressor oils, and oils for other applications.

**COMPOSITION:**

Armor Plate Ultragard combines a highly shear stable viscosity index improver with a wide variety of stabilizing agents such as:

- Acid Neutralizers
- Oiliness Agents
- Anti-Wear Agents
- Corrosion Inhibitors
- Anti-Foam Agents
- Thermal Stability Agents

Armor Plate Ultragard helps any oil's ability to maintain proper viscosity under high heat conditions and contains components designed to reduce carbon and engine wear. It is also available without Moly-D®. Ultragard is compatible with all petroleum, naphthenic, and PAO based oils.

**PERFORMANCE  
CHARACTERISTICS:**

- Controls Consumption
- Reduces Blow-By
- Removes Engine Deposits
- Reduces Lifter & Valve Noise
- Improves Power
- Reduces Frictional Drag
- Neutralizes Harmful Engine Acids
- Seals Rings Better
- Improves Compression
- Reduces Piston Scuffing & Scoring
- Prevents Excessive Wear
- Reduces Amperage on Electrically Driven Equipment
- Restores Oil Pressure
- Helps Replace Effects of ZDDP
- Helps Prevent & Disperses Sludge

Armor Plate Ultragard used at 10% with any oil will add just as much Moly-D® to that oil as is contained in Primrose Armor Plate with Moly-D oils. Adding it to oils which already contain Moly-D® will further increase protection.

**TYPICAL  
APPLICATIONS:**

- Industrial plants
- Stationary engines
- Farm tractors
- Farm Implements
- Heavy duty trucks & buses
- Drilling rigs
- Power plants
- Oil production engines
- Excavators
- Paper-mill calendar rolls & drive gear boxes
- Hydraulic systems under extreme pressure
- Fork lifts
- Logging equipment
- Boats
- Earth Moving equipment
- Irrigation pump engines
- Industrial gear boxes
- Power generators
- Lawn mowers, tillers & small engines
- Snow blowers & snowmobiles
- Process plant pumps



# PRIMROSE PLUS

## 480M Armor Plate with Moly-D Ultragard<sup>®</sup> Oil Supplement

### USES WITH MIX RATIOS:

#### Product Use

All gasoline & diesel engine oil  
(1 part 480M to 10 parts of oil)

Gear oil:

SAE: 80, 90, 140, 250, 75W90  
80W90, 80W140, 85W140  
ISO: 320, 460, 680, 1000  
AGMA: 6EP, 7EP, 8A

#### Mix Ratio

1:10 mix

Gear oil :

ISO 68, 100, 150, 220  
AGMA 3EP, 4EP, 5EP

1:15 mix

Gear oil :

AGMA 1, 2EP

1:20 mix

Hydraulic oil

Air compressor oil

Rock drill oil

Manual transmission oil

Facilitates parts assembly (apply liberally to parts prior to assembly)

*Note: Recommended mix ratios are important for amperage reduction.*

*Caution: Armor Plate Ultragard is not designed for use with fluids having special frictional characteristics such as those used in automatic transmissions, wet clutches, or any type of friction drive.*

### TYPICAL SPECIFICATIONS:

Viscosity,

cs @ 100 °C.

27.5

Specific Gravity

0.85

Color ASTM

very dark green

Flash, °F. (COC)

142

Pour, °F.

-5

Acid Test

Excellent

1-H Test (M2C101B)

Pass

Piston skirt varnish (10=clean)

9.0